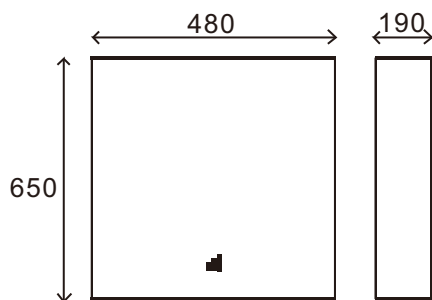




Telephone: 0086 0752 2819469 www.bsl-battery.com

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BSLBATT POWERWALL

Welcome to the BSLBATT. Now you can produce your own energy, save and consume it whenever you want. BSLBATT designed for homes with medium energy consumption is the most versatile version for domestic use and allows you to achieve maximum efficiency of your photovoltaic system

More information on www.bsl-battery.com

✓ Compact Size & Easy Installation

The compact and light weight nature of the BSLBATT-5000U is world-class. It is designed to allow easy wall-mounted or floor-standing installation for both indoor and outdoor applications. The inverter connections have also been simplified, reducing installation time and costs.

✓ Powerful Performance

The new BSLBATT-5000U series features industry-leading continuous power (5120kWh for BSLBATT-5000U) and DC round-trip efficiency (95%). BSLBATT's L&S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years.

✓ Proven Safety

BSLBATT-5000U places the highest priority on safety and utilizes the same technology for its ESS products that has a proven safety record in its automotive battery. All products are fully certified in relevant global standards.



General information

No	Item	General Parameter	Remark
1	Combination method	16S2P	
2	Rated Capacity	Typical 100Ah Minimu 98Ah	Standard discharge after Stan dard charge (package)
3	Factory Voltage	51.2V	Mean Operation Voltage
4	Voltage at end of Discharge	44.0 V	Discharge Cut-off Voltage
5	Charging Voltage	58.0 V	
6	Internal Impedance	≤50mΩ	Internal resistance measured at AC 1KHZ after 50% charge The measure must uses the new batteries that within one week after shipment and cycles less than 5 times
7	Standard charge Max charge	Constant Current20A 100A	Charge time : Approx 5-6 h
8	Standard discharge	Constant current: 50A	
9	Maximum Continuous Discharge Current	100A	
10	Maximum Discharge Current	300A	
11	Operation Temperature Range	Charge: 0~45 °C Discharge: -20~55 °C	60±25%R.H.Bare Cell
12	Storage Temperature Range	Less than 12 months: -10~35 °C Less than 3 months: -10~45 °C Less than 7 day : -20~65 °C	60±25%R.H. at the shipment state
13	Dimensions	650*480*190mm	Include case
14	Weight	54.5kg	Include case
15	Energy	5120WH	Include case
16	Gravimetric specific energy	96WH/KG	Include case